

Title (en)  
IMPROVEMENTS IN CATALYST PRODUCTION

Publication  
**EP 0115680 B1 19860528 (EN)**

Application  
**EP 83307507 A 19831209**

Priority  
• GB 8300662 A 19830111  
• GB 8314000 A 19830520

Abstract (en)  
[origin: EP0115680A1] Catalysts of the ZSM-5 synthetic zeolite type can be prepared by heating a mixture of a precursor for an alumina hydrate, a precursor for silica hydrogel, an alkali metal hydroxide and water together with an organic templating agent selected from the group of carboxymethylcellulose, the condensation product of an alkanolamine and a fatty acid and cellulose hydroxyethyl ether and thereafter heating the reaction product under autogenous conditions. Unlike prior proposals ZSM-5 which is uncontaminated by other zeolites, is prepared in high yield.

IPC 1-7  
**C01B 33/28**

IPC 8 full level  
**B01J 29/40** (2006.01); **C01B 39/40** (2006.01)

CPC (source: EP US)  
**B01J 29/40** (2013.01 - EP US); **C01B 39/40** (2013.01 - EP US); **Y10S 423/22** (2013.01 - EP US)

Cited by  
EP0509164A1; US5183650A

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**EP 0115680 A1 19840815; EP 0115680 B1 19860528**; AU 2240583 A 19840712; BR 8400038 A 19840814; CA 1208193 A 19860722; DE 3363827 D1 19860703; GB 2132993 A 19840718; GB 2132993 B 19860319; GB 8332949 D0 19840118; NZ 206790 A 19851108; US 4526767 A 19850702

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